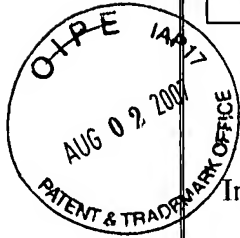


I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 30, 2007.
QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By: _____

Paul Littlepage

Client Ref: 100/1026-10



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Anthony J. Berno, *et al.*

Confirmation No.: 7134

Examiner: Pablo S. Whaley

Art Unit: 1631

Application No.: 10/768,788

Filed: January 30, 2004

For: **Apparatus and Methods for Analyzing
and Characterizing Nucleic Acid
Sequences**

AMENDMENT/RESPONSE

Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

INTRODUCTORY COMMENTS

Dear Sir:

In response to the Office Action dated January 29, 2007, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 29 of this paper.